Project ID	Category Name	Project Title	Award Name	GP Nominee	Team Name	School Name	Grade
		Cortical					
		Connectivity					
		Analysis in					
		Pediatric ADHD:					
		Integrating EEG					
		Data, Deep					
		Learning					
		Models, and				Thomas	
		Reaction Times				Jefferson High	
	Animal and	for a Novel				School for	
	Behavioral	Cognitive		Grand Prize		Science and	
ABEH-03	Sciences	Assessment	First Place	Winner	Medha Pappula	Technology	10
		DeMHeM: A					
		Novel Multi-					
		task Learning					
		Framework to				Thomas	
		Analyze Mental				Jefferson High	
	Animal and	Health				School for	
	Behavioral	Conditions on				Science and	
ABEH-04	Sciences	Social Media	Third Place		Rocco Zhang	Technology	11
		CNN					
		Identification of				<u> </u>	
		Abnormal Lung				Thomas	
		Sounds as a				Jefferson High	
		Potential			Tejavi Kumar,	School for	
55110.00	Biomedical	Precursor of			Sravya	Science and	
BENG-02	Engineering	SIDS	Second Place		Tathicherla	Technology	11
		Cytological					
		Evaluation of					
		Thyroid					
		Carcinoma:					
		Machine				_,	
		Learning				Thomas	
		Analysis of				Jefferson High	
	Biomedical and	Fine-Needle		Cuand Duine	A maritha Malalana	School for Science and	
BMED-06	Health Sciences	Aspiration Biopsies	First Place	Grand Prize Nominee	Anvith Kakkera, Aneesh Kalla	Technology	11
BIVILD-00	Treatti Sciences		riist riace	Nommee	Alleesii Kalla	recritiology	11
		NeoSense:					
		Using Fast					
		Fourier				Th	
		Transform to				Thomas	
		Optimize Neonatal				Jefferson High School for	
	Biomedical and	Seizure		Grand Prize	Dovon Hagon	Science and	
BMED-07	Health Sciences	Detection	First Place	Alternate	Deven Hagen, Rohan Kotla	Technology	11
DIVILU-07	riealth Sciences		riistriate	Aitemate	Notian Notia	recimology	11
		TheraLink:					
		Detecting Onset					
		Alzheimer's					
		Disease					
		Utilizing 3D					
		Convolutional Neural					
		Networks MRI					
		Analysis and				Thomas	
		Advancing				Jefferson High	
		Repurposed				School for	
		Targeted			Manini Dhingra,	Science and	
CHEM-01	Chemistry	Therapeutics	Second Place		Vidhi Reddy	Technology	11
CLIFIAL-OT	Cricinisti y	Therapeutics	Second Flace		Viain Reday	recrimology	11

Plasticity: Adaptive, Carbon- Conscious Artificial Intelligence via Forereard Correct inspired Math CSMA-04 Math Admissibility Problem: Radon Agrithms to Science and CSMA-05 Math Agrithms to Science and CSMA-05 Math First Place First Place First Place First Place Admissibility Problem: Radon Agrithms to Science and CSMA-05 Math First Place Milnika Dusad First Place Milnika Dusad Thomas Jefferson High School for Science and School for Science and Agrithms to Science and Agrithms to Science and CSMA-05 Math First Place Milnika Dusad Thomas Jefferson High School for Science and Agrithms to Science and First Place Milnika Dusad Thomas Jefferson High School for Science and Agrithms to Science and First Place Math A Novel Blockchain System and Low-Cost Low-Cost Low-Cost Low-Cost Computer Science and CSMA-07 Math Aggregation Multi-Agent Robatic Path Planning via Particle-based Science and CSMA-08 Math Computer Science and CSMA-09 Math Computer Science and CSMA-09 Math Computer Science and Diffusion-Based Computer Science and Diffusion-Based Computer Science and Diffusion-Based Computer Science and Diffusion-Based Computer Science and Math Computer Science and Diffusion-Based Computer Science and Math Computer Science and Diffusion-Based Computer Science and Math Diffusion-Based Computer Science and Diffusio			1					
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CSMA-05 Math Radiation Second Place Minimize Second Place								
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Scanner with a Computer Science and CSMA-09 Math Computer Diffusion-Based Conditional Computer Science and Science and Computer Science and							Thomas	
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Computer Mesh Synthesis Khandelwal, School for Science and Sritan Motati, Science and Sc						Anant		
Science and for Efficient 3D Grand Prize Sritan Motati, Science and		Computer						
		1			Grand Prize			
CSMA-10 Math Prototyping First Place Alternate Siddhant Sood Technology 12	CSMA-10			First Place				12

		1	1		1		
		Predicting					
		Infection Rates				Th	
		using Mathematical				Thomas Jefferson High	
	Computer	Modeling and				School for	
	Science and	Machine				Science and	
CSMA-11	Math	Learning			Arjun Pagidi	Technology	11
651717 11	TVIGUT	A Novel			/ "Juli i ugiai	recimology	
		Framework					
		Using GANs to				Thomas	
		Create Land				Jefferson High	
		Resource				School for	
	Environmental	Management		Grand Prize	Sanchali	Science and	
ENVE-02	Engineering	Strategy	First Place	Winner	Banerjee	Technology	11
		AirWise: A					
		Deep Learning				Thomas	
		Framework for				Jefferson High	
		High-Resolution				School for	
	Environmental	PM2.5				Science and	
ENVE-03	Engineering	Prediction	Second Place		Phoebe Pan	Technology	11
		Novel Inverse					
		Control					
		Methods to					
		Optimize					
		Multiple				Thomas	
		Objectives on Constrained				Jefferson High School for	
	Engineering	Autonomous				Science and	
ETEC-03	Technology	Systems	First Place		Brian Zhou	Technology	12
		The Viability of					
		PTCDA as an					
		Active Cathode				Thomas	
		Material in				Jefferson High	
		Lithium-ion and				School for	
	Materials	Sodium-ion				Science and	
MATS-02	Science	Batteries	Second Place		Aaryan Sumesh	Technology	11
		Using Chiral					
		Carbon				Thomas	
		Nanotubes for				Jefferson High	
		Polarization in				School for	
144TC 00	Materials	Memory-Based	E: . DI	Grand Prize	Ryan Singh,	Science and	40
MATS-03	Science	Spintronics	First Place	Winner	Surbhi Singla	Technology	10
		Biofilm					
		Composition in					
		Fungi Fusarium and					
		Development of					
		a Multi-					
		targeted				Thomas	
		Antifungal				Jefferson High	
		Therapy to				School for	
		Inhibit		Grand Prize		Science and	
MCRO-02	Microbiology	Proliferation	First Place	Alternate	Ray Zhang	Technology	11
		Discovery of					
		Medically				Thomas	
		Important Lytic				Jefferson High	
		Bacteriophages				School for	
		from the	Honorable		Madeline	Science and	
MCRO-03	Microbiology	Environment	Mention		Levorson	Technology	10

PHYS-01	Physics and Astronomy	Linear Polarization- based Entanglement of a Single Photon, 2-Qubit Spatial Mode System	First Place		Neha Chandran, Srimaye Peddinti	Thomas Jefferson High School for Science and Technology	12
PHYS-02	Physics and Astronomy	Identifying Future Asteroid Mining Targets using a Deep Convolutional Neural Network	First Place	Grand Prize Alternate	Anusha Agarwal	Thomas Jefferson High School for Science and Technology	10
PHYS-03	Physics and Astronomy	Hybrid Quantum- Classical Machine Learning for Dementia Detection	First Place	Grand Prize Nominee	Ryan Kim	Thomas Jefferson High School for Science and Technology	12
PLNT-01	Plant Sciences	The Effect of Increased CO2 Absorption in the Soil on Herbicide Resistance in Amaranth	First Place	Grand Prize Nominee	Veda Murthy	Thomas Jefferson High School for Science and Technology	10
PLNT-02	Plant Sciences	Combating Pediatric Leukemia using the Plant Compounds Quercetin and Vincristine	First Place	Grand Prize Nominee	Ashrita Gandhari, Archishma Marrapu	Thomas Jefferson High School for Science and Technology	11